

Message

From: King, Melanie [King.Melanie@epa.gov]
Sent: 2/17/2022 8:02:03 PM
To: Wortman, Eric [Wortman.Eric@epa.gov]; Stout, Alan [stout.alan@epa.gov]; Bird, Patrick [Bird.Patrick@epa.gov]; Dain, Gregory [Dain.Greg@epa.gov]
CC: Howlett, Careyanne [Howlett.Careyanne@epa.gov]; Lancey, Susan [lancey.susan@epa.gov]
Subject: RE: DRAFT RESPONSE: Question on Engine Certification

Hi Eric,

Do you have more detail regarding what those technical challenges are? Do we think they have merit? I'll have to go back and refresh my memory about part 1042 and why it's easier for them to meet than part 1039.

Melanie King (she/her)
Energy Strategies Group
Sector Policies and Programs Division
Office of Air Quality Planning and Standards
(919) 541-2469
king.melanie@epa.gov

From: Wortman, Eric <Wortman.Eric@epa.gov>
Sent: Thursday, February 17, 2022 1:57 PM
To: Stout, Alan <stout.alan@epa.gov>; King, Melanie <King.Melanie@epa.gov>; Bird, Patrick <Bird.Patrick@epa.gov>; Dain, Gregory <Dain.Greg@epa.gov>
Cc: Howlett, Careyanne <Howlett.Careyanne@epa.gov>; Lancey, Susan <lancey.susan@epa.gov>
Subject: DRAFT RESPONSE: Question on Engine Certification

Alan, Melanie, et. al.,

Ex. 5 Deliberative Process (DP)

Thanks, - Eric

* * * * *

Hi Eva,

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Thank you.

Eric

From: Eva Land <EVLAN@equinor.com>

Sent: Tuesday, February 15, 2022 5:25 PM

To: Wortman, Eric <Wortman.Eric@epa.gov>; DeBord, Steven <DeBord.Steven@epa.gov>; Stout, Alan <stout.alan@epa.gov>; Steele, Lauren <steele.lauren@epa.gov>

Cc: Jordan Carduner <JCARD@equinor.com>; Synnøve Halvorsen <syhal@equinor.com>; Jordan Carduner <JCARD@equinor.com>

Subject: Question on Engine Certification

EPA,

We have a question on engine certification. For those of you that we have not met, we are planning to build an offshore windfarm and offshore substation in federal waters as well as an onshore substation (on state lands). The permitting for this project in federal waters will be through the Region 1 EPA office.

However, we will be building two engines abroad for use at both the offshore and onshore substation. These engines will be for limited use. They will be compression ignition engines with an approximate capacity of 1200 kW (1610 hp). It appears that the nonroad standards apply but we wanted to ensure that we have identified the correct standards given that one engine will be offshore (but on a fixed structure).

Please let me know if I have contacted you in error. Thank you for your help.

Best regards,

—

Eva Land

Federal Permitting Manager

REN US PER

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Thank you